

Appl. No. 09/254,743  
Amdt. dated February 9, 2004  
Amendment under 37 CFR 1.116 Expedited Procedure  
Examining Group

PATENT

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claims 1-33. (Canceled).

1                   34.   (Previously presented) A cooling ceiling comprising: cooling tube mats  
2   that may be attached by means of a carrying system to a bare ceiling; and separate upper and  
3   lower dry building panels arranged in a sandwiched construction and spaced apart from one  
4   another by spacers thereby forming shallow hollow cavities; wherein the cooling tube mats are  
5   located in the hollow cavities and the upper panels are provided with at least one of a thermal  
6   barrier and a thermally reflecting layer.

1                   35.   (Previously presented) A cooling ceiling in accordance with claim 34  
2   wherein the cooling tube mats consist of plastic cooling tube mats.

1                   36.   (Previously presented) A cooling ceiling in accordance with claim 34  
2   wherein the upper and lower dry building panels consist of fire resistant dry building panels.

1                   37.   (Previously presented) A cooling ceiling in accordance with claim 36  
2   wherein the fire resistant dry building panels consist of one of sandwich-type plaster board  
3   panels or gypsum fiber board panels.

1                   38.   (Previously presented) A cooling ceiling in accordance with claim 34  
2   wherein the upper panels are provided with a thermally reflecting layer consisting of a foil of  
3   aluminum.

1                   39.   (Previously presented) A cooling ceiling in accordance with claim 34  
2   further comprising a sound insulation located at least in a region of the lower panels in order to  
3   attenuate flow noises originating from the cooling tube mats.

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1                   40.   (Previously presented) A cooling ceiling in accordance with claim 39  
2 wherein the sound insulation consists of a sound insulating fleece.

1                   41.   (Previously presented) A cooling ceiling in accordance with claim 40  
2 wherein the sound insulating fleece is arranged beneath the cooling tube mat on an upper side of  
3 the lower dry building panels.

1                   42.   (Previously presented) A cooling ceiling in accordance with claim 40  
2 wherein the sound insulating fleece is arranged beneath the lower dry building panels.

1                   43.   (Previously presented) A cooling ceiling in accordance with claim 42  
2 wherein the sound insulating fleece is first subsequently attached to an installed cooling ceiling  
3 in a manner of a wallpaper.

1                   44.   (Previously presented) A cooling ceiling in accordance with claim 34  
2 wherein the upper and lower dry building panels and the spacers consist of pre-manufactured  
3 elements.

1                   45.   (Previously presented) A cooling ceiling in accordance with claim 44  
2 wherein the pre-manufactured elements that receive the cooling tube mats and hollow cavities  
3 each comprise an upper dry building panel, a lower dry building panel and at least two bar-like  
4 spacers.

1                   46.   (Previously presented) A cooling ceiling in accordance with claim 45  
2 wherein the pre-manufactured elements further include a thermal barrier and a sound insulation.

1                   47.   (Previously presented) A cooling ceiling in accordance with claim 45  
2 wherein not every premanufactured element is provided with a cooling tube mat.

1                   48.   (Previously presented) A cooling ceiling in accordance with claim 44  
2 wherein the pre-manufactured elements may be directly attached to the bare ceiling.

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1                   49.   (Previously presented) A cooling ceiling in accordance with claim 44  
2 wherein the pre-manufactured elements may be attached to the bare ceiling by means of one of  
3 nails or screws to a lath arrangement attached to the bare ceiling.

1                   50.   (Previously presented) A cooling ceiling in accordance with claim 44  
2 wherein the pre-manufactured elements may be suspended from the bare ceiling.

1                   51.   (Previously presented) A cooling ceiling in accordance with claim 50  
2 wherein the pre-manufactured elements are suspended from the bare ceiling by means of hangers  
3 for CD sections, wherein the CD sections may be attached to the hangers and the elements may  
4 be attached to the CD sections.

1                   52.   (Previously presented) A cooling ceiling in accordance with claim 51  
2 wherein points of attachment for the CD sections arranged on the hangers have fixed spacings  
3 from one another, and wherein the premanufactured elements have dimensions in a length  
4 direction and in a width direction that are matched to the fixed spacings.

1                   53.   (Previously presented) A cooling ceiling in accordance with claim 34  
2 wherein the attachment of the upper and lower panels to one another takes place at positions at  
3 which spaces are provided.

1                   54.   (Previously presented) A cooling ceiling in accordance with claim 34  
2 wherein the lower dry building panels are provided with holes.

1                   55.   (Previously presented) A cooling ceiling comprising: cooling tube mats;  
2 upper dry building panels with a thermal barrier secured thereto, the thermal barrier being  
3 attached to a lower side of the upper dry building panels;

4                   spacers that may attached to the lower side of the upper dry building panels;

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- 5 lower dry building panels that may be attached to the spacers in order to form  
6 hollow cavities that receive cooling tube mats; and
- 7 a sound insulation that may be attached at one of either between the spacers and  
8 the upper side of the lower panels, or in a manner of a wallpaper to a lower side of the lower  
9 panels.